37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.

## **Amendments**

## In the Specification:

Please substitute the Abstract on page 55 with the following Abstract:

## Abstract

Disclosed are novel parathyroid hormone (PTH) peptide derivatives. In particular, the invention relates to PTH derivatives having amino acid substitutions that confer PTH-1/PTH-2 receptor agonist or antagonist properties to the derivatives. Also disclosed are methods of preparing these novel derivatives, and methods of using these derivatives to treat mammalian conditions.

## In the Claims:

<u>Please cancel claims 1, 7 and 9-29 without prejudice to or disclaimer of the subject matter therein.</u>

Please substitute the following claim 2 for the pending claim 2:

2. (Once amended) An isolated biologically active peptide consisting essentially of the formula:

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- (a)  $X_{01}$ ValSerGluIleGlnLeuMetHisAsnLeuGlyLysHisLeuAsnSerMet GluArgValGluTrpLeuArgLysLysLeuGlnAspValHisAsnPhe (SEQ ID NO:1);
- (b) fragments thereof containing amino acids 1-29, 1-30, 1-31, 1-32, or 1-33;
- (c) pharmaceutically acceptable salts thereof; or
- (d) N- or C- derivatives thereof;

wherein:

 $X_{01}$  is desamino Ser, desamino Ala or desamino Gly, provided that said peptide is not (desamino-Ser<sup>1</sup>)hPTH(1-31)NH<sub>2</sub> or (desamino-Ser<sup>1</sup>)hPTH(1-34)NH<sub>2</sub>.

Please substitute the following claim 3 for the pending claim 3:

T (Once amended) The peptide of claim T which is:

desamino-AlaValSerGluIleGlnLeuMetHisAsnLeuGlyLysHisLeuAsnSerMetGluArgValGluTrpLeuArgLysLysLeuGlnAspValHisAsnPhe (SEQ ID NO:5).

Please substitute the following claim 4 for the pending claim 4

(Once amended) The peptide of claim which is:

 $\label{lem:continuous} desamino-GlyValSerGluIleGlnLeuMetHisAsnLeuGlyLysHisLeuAsnSerMetGluArgVal\\ GluTrpLeuArgLysLysLeuGlnAspValHisAsnPhe (SEQ ID NO:2).$ 

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B2 Unt Please substitute the following claim 5 for the pending claim 5:

(Once amended) The peptide of claim wherein the peptide is labeled with a label selected from the group consisting of: radiolabel, flourescent label, bioluminescent label, or chemiluminescent label.

Please substitute the following claim 8 for the pending claim 8:

(Once amended) A pharmaceutical composition comprising an isolated biologically active peptide consisting essentially of the formula:

- (a)  $X_{01}$ ValSerGluIleGlnLeuMetHisAsnLeuGlyLysHisLeuAsnSerMet GluArgValGluTrpLeuArgLysLysLeuGlnAspValHisAsnPhe (SEQ ID NO:1);
- (b) fragments thereof containing amino acids 1-29, 1-30, 1-31, 1-32, or 1-33;
- (c) pharmaceutically acceptable salts thereof; or
- (d) N- or C- derivatives thereof;

wherein:

 $\rm X_{01}$  is desamino Ser, desamino Ala or desamino Gly; and a pharmaceutically acceptable carrier.

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